

DERWENT- 1978-11120A
ACC-NO:
DERWENT- 198123
WEEK:

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TITLE: Sulphate corrosion resistant cement compsn. comprising
Portland cement mixed with calcium fluoride and calcium
sulphate

PATENT-ASSIGNEE: CHICHIBU CEMENT KK[CHCH]

PATENT-FAMILY:

| PUB-NO | PUB-DATE | LANGUAGE |
|---------------|-------------------|----------|
| JP 52154833 A | December 22, 1977 | JA |
| JP 81019302 B | May 7, 1981 | JA |

APPLICATION-DATA:

| PUB-NO | APPL-DESCRIPTOR | APPL-NO | APPL-DATE |
|--------------|-----------------|---------------|---------------|
| JP 52154833A | N/A | 1976JP-070419 | June 17, 1976 |

**INT-CL-
CURRENT:**

| TYPE | IPC | DATE |
|------|-------------|----------|
| CIPP | C04 B 7/02 | 20060101 |
| CIPS | C04 B 7/04 | 20060101 |
| CIPS | C04 B 7/345 | 20060101 |

ABSTRACTED-PUB-NO: JP 52154833 A

BASIC-ABSTRACT:

Cement raw material having a compsn. of 2.00-2.20 of hydraulic modulus (HM) 2.3-3.0 of silica modulus (SM) and 1.0-2.0 of iron modulus (IM) is mixed with 0.5-2 wt.% of fluorspar and 3-8 wt.% of gypsum and burned at >1300 degrees C. The obt'd. clinker is pulverised with or without the addn. of gypsum.

Material can be used where sulphate corrosion is a problem.

The raw material of Portland cement can be used and it can be burned at low temp. Cement has high early strength.

TITLE- SULPHATE CORROSION RESISTANCE CEMENT COMPOSITION COMPRISE
TERMS: PORTLAND MIX CALCIUM FLUORIDE

DERWENT-CLASS: C04 L02

CPI-CODES: C05-A01B; C05-B02A5; C12-N09; L02-C02;

CHEMICAL- Chemical Indexing M2 *01* Fragmentation Code B115 B701
CODES: B713 B720 B815 B819 B831 C101 C108 C800 C802 C804 C805
C807 M411 M720 N000 P111 P112

Chemical Indexing M2 *02* Fragmentation Code A220 A940
C009 C100 C730 C801 C803 C804 C805 C806 C807 M411 M720
N000

Chemical Indexing M2 *03* Fragmentation Code A200 A220
A940 A990 C000 C009 C100 C730 C801 C803 C804 C805 C806
C807 M411 M720 N000